

~~TOP SECRET~~

IDEA 0889  
Copy 4 of 4

21 . . . 1962

**MEMORANDUM FOR THE RECORD**

**SUBJECT:            USAF Estimate of MIG-21**

1.    Combat ceiling: 51,200 ft.
2.    Zoom climb: with initiated climb from level flight at 38,000 ft, Mach 2.5. Zoom: can be made to 70,000 ft. and level flight maintained at that altitude up to four minutes.
3.    Radius of action: subsonic
  - a.    290 NM without tanks.
  - b.    380 NM with tanks.
4.    Missile capability:
  - a.    IR and beam rider.
5.    AI capability:
  - a.    Tail chase: 10 mile search; 7 mile lock on.
  - b.    90° beam: 15 mile search; 10 mile lock on.
  - c.    Head on: 12 mile search; 8 mile lock on.

SIGNED

[Redacted Signature Box]

Chief, Operations Division, OSA

25X1

USAF review(s) completed.

~~SECRET~~

~~SECRET~~

25X1

OSA/OD/ [ ] (17 Sept 62)

**Distribution:**

- #1 - OSA/OD
- #2 - AD/OSA
- #3 - OSA/INTEL
- #4 - OSA/RB